ABB GJR5137200R0005 35AE92G-E

Hardware Identity & Integration Reference

ABB GJR5137200R0005 35AE92G-E is a four-channel axis control module for an installed Procontic DP800 motion-control arrangement.

01 Product identity

Complete order number	GJR5137200R0005
Complete type marking	35AE92G-E
Product type	Four-Channel Axis Control Module
Documented platform	ABB Procontic DP800 motion-control system
Axis channels	4
ABB type marking	35AE92G-E
Control-system family	Procontic DP800
Module role	Motion-axis control

02 Visible hardware and installed relationship

Front interfaces

Five D-sub connectors

Rack interface

Rear card-edge/backplane connector

Mechanical retention

Front ejector handles

Visible label code

9096

Replacement basis

Complete marking, connector layout, rack position and installed records

03 Engineering role

The module is built as a rack card with front ejector handles, a rear backplane interface and five front D-sub connectors. These physical interfaces make connector identity, slot position and harness labeling essential parts of a replacement review.

Each installed axis depends on an approved combination of command scaling, feedback direction, travel limits, tuning and interlocks. Preserve these records from the working machine rather than assuming another 35AE92-family card carries the same setup.

After installation, verify stationary feedback, safe inhibited states and limit indications first. Progress to a restricted movement only after connector identity and direction have been proven, then compare repeatability and diagnostics with the recorded baseline.

04 Application map

Multi-axis machine coordination

Retain the documented command, feedback and limit relationships for each used axis channel.

Drive and actuator interface

Match the installed drive, actuator and feedback-device chain before reconnecting the front interfaces.

Position and direction control

Verify feedback polarity, command scaling and actual travel direction under restricted movement.

Legacy rack maintenance

Return the module to the recorded DP800 slot and preserve connector keying, harness labels and interlocks.

05 Evidence and interpretation boundaries

Identity boundary	Use the complete GJR5137200R0005 order number and 35AE92G-E type marking; the shorter 35AE92 form is incomplete.
Hardware relationship	The visible card has five front D-sub interfaces, front ejector handles and a rear rack connection.
Configuration boundary	Axis scaling, tuning, feedback type and travel limits belong to the installed machine record.
Acceptance boundary	Restricted-motion testing follows static feedback, interlock and direction checks under the approved site procedure.

06 Product-specific review questions

Which installed motion-axis records should be preserved before replacing GJR5137200R0005 35AE92G-E?	Record the axis assignment, command and feedback interfaces, direction convention, scaling, travel limits, tuning values and the machine baseline before removal. These records let the replacement be commissioned against the known working axis rather than a generic setup.
How should the rack position and connector keying for GJR5137200R0005 35AE92G-E be verified?	Photograph the installed slot, ejector orientation, connector keys and harness labels before disconnection. Match the complete ABB marking and connector arrangement before inserting the module; do not rely on the shared 35AE92 base designation alone.
What feedback-path checks are appropriate for GJR5137200R0005 35AE92G-E?	Identify the feedback device and its wiring from the approved machine drawing, then verify continuity, shielding, polarity and the expected stationary indication. Confirm feedback direction at low controlled motion before restoring normal travel.
How should command scaling be transferred to GJR5137200R0005 35AE92G-E?	Retain the approved axis scaling and command range from the installed control record. After installation, compare a limited command with actual movement and feedback response before enabling the full operating envelope.

07 Ordering verification

Complete identity	Match the full GJR5137200R0005 35AE92G-E marking, rack slot, five front interfaces and visible label code with the installed axis module.
Offered item	Request complete-label and connector photographs. Compare the offered unit, condition and included items with the installed DP800 axis arrangement before ordering.
Included scope	GJR5137200R0005 35AE92G-E axis control module; mating connectors, cables and companion drive hardware only when itemized

08 Lifecycle and installed-record boundary

Lifecycle status	The current manufacturing and manufacturer-support phase of GJR5137200R0005 35AE92G-E is unconfirmed. Its service value is tied to the installed Procontic DP800 rack, exact connector arrangement and documented machine-axis records.
Configuration record	Preserve the rack position, complete marking, connector identities, command scaling, feedback direction, travel limits and interlocks before exchange.
Electrical data boundary	Use the approved ABB and machine records for ratings, channel behavior and configuration-specific limits.
Supply boundary	Quantity, condition, included scope and dispatch timing are confirmed in the quotation.

09 As-found inspection worksheet

Label record	Complete order number, type marking, visible revision and label code.
Mechanical record	Rack position, ejector orientation, connector keys and adjacent module identities.
Connection record	Harness labels, terminal or connector position, routing and strain relief.
Functional record	Installed assignment, diagnostic state and accepted operating baseline.

10 Related ABB references

Recommended model	ABB GJR5143100R0001 35EK90
Recommended model	ABB GJR5146620R0001 35ZE94G
Recommended model	ABB CP-A RU 1SVR427071R0000
Recommended model	ABB BSFC-02C 3AXD50000011461

Discuss the complete GJR5137200R0005 35AE92G-E marking, installed application and required quantity with Apter Power.

sales13@apterpower.com | +86 18030235313